

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
James M. Waggle	03/20/2008
Kevin M. Gamble	02/22/2008
Ruy Frota de Souza	02/22/2008
Karen A. Craig	03/19/2008
RECEIVING PARTY DATA	
Name:	KENNAMETAL INC.
Street Address:	1600 Technology Way
Internal Address:	P. O. Box 231
City:	Latrobe
State/Country:	PENNSYLVANIA
Postal Code:	15650
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12035461
CORRESPONDENCE DATA	
Fax Number:	(724)539-5903
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	724-539-5485
Email:	k-corp-ip.group@kennametal.com
Correspondent Name:	Mr. Larry R. Meenan, Esq.
Address Line 1:	1600 Technology Way
Address Line 2:	KENNAMETAL INC.
Address Line 4:	Latrobe, PENNSYLVANIA 15650
ATTORNEY DOCKET NUMBER:	K-2568
NAME OF SUBMITTER:	Larry R. Meenan

CH \$40.00 12035461

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PATENT
REEL: 020851 FRAME: 0606

Total Attachments: 4

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PATENT

REEL: 020851 FRAME: 0607

ASSIGNMENT

Whereas, JAMES M. WAGGLE, of 1159 Twin Maples Road, of Derry, Pennsylvania 15627, U. S. A., has made application for Letters Patent of the United States, entitled HELICAL MILLING CUTTER, said application having been executed

February 22, 2008 12/035,461;
(month day year) (serial number, if any)

And Whereas, Kennametal Inc., a corporation of the Commonwealth of Pennsylvania of P.O. Box 231, Latrobe, Pennsylvania 15650 is desirous of acquiring an interest in the same;

Now, therefore, in consideration of One (\$1.00) dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, he hereby assigns, sells, and sets over unto the said Kennametal Inc. its successors, assigns and legal representatives, the entire right, title and interest in and to said invention for the United States and their territories and all foreign countries, and in and to said Letters Patent, divisions, continuations, continuations-in-part, reissues and extensions thereof in the United States and all foreign countries (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), and hereby requests that said Letters Patent issue accordingly. For said consideration said JAMES M. WAGGLE agrees for himself, and for his heirs, executors and administrators, to execute without further consideration all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to Kennametal Inc. or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said applications and securing patents thereon.

In Testimony Thereof, he executes this assignment this 20 day of MARCH, 2008.

James M. Waggle
(JAMES M. WAGGLE)

Ausan Creaser-Jewell
(witness)

Roberta E. Penick
(witness)

ASSIGNMENT

Whereas, KEVIN M. GAMBLE, of 114 Clover Lane, of Stahlstown, Pennsylvania 15687, U. S. A., has made application for Letters Patent of the United States, entitled HELICAL MILLING CUTTER, said application having been executed

12/035,461 February 22, 2008
(month day year)

February 22, 2008 12/035,461
(serial number, if any);

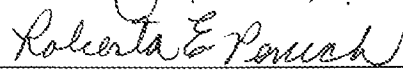
And Whereas, Kennametal Inc., a corporation of the Commonwealth of Pennsylvania of P.O. Box 231, Latrobe, Pennsylvania 15650 is desirous of acquiring an interest in the same;

Now, therefore, in consideration of One (\$1.00) dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, he hereby assigns, sells, and sets over unto the said Kennametal Inc. its successors, assigns and legal representatives, the entire right, title and interest in and to said invention for the United States and their territories and all foreign countries, and in and to said Letters Patent, divisions, continuations, continuations-in-part, reissues and extensions thereof in the United States and all foreign countries (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), and hereby requests that said Letters Patent issue accordingly. For said consideration said KEVIN M. GAMBLE agrees for himself, and for his heirs, executors and administrators, to execute without further consideration all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to Kennametal Inc. or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said applications and securing patents thereon.

In Testimony Thereof, he executes this assignment this 22nd day of FEBRUARY, 2008.


(KEVIN M. GAMBLE)


(witness)


(witness)

ASSIGNMENT


Whereas, RUY FROTA DE SOUZA, of 639 Rose Garden Terrace, of Latrobe, Pennsylvania 15650, U. S. A., has made application for Letters Patent of the United States, entitled HELICAL MILLING CUTTER, said application having been executed

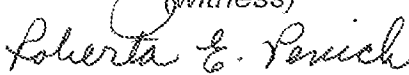
February 22, 2008*(month day year)*12/035,461*(serial number, if any)*

And Whereas, Kennametal Inc., a corporation of the Commonwealth of Pennsylvania of P.O. Box 231, Latrobe, Pennsylvania 15650 is desirous of acquiring an interest in the same;

Now, therefore, in consideration of One (\$1.00) dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, he hereby assigns, sells, and sets over unto the said Kennametal Inc. its successors, assigns and legal representatives, the entire right, title and interest in and to said invention for the United States and their territories and all foreign countries, and in and to said Letters Patent, divisions, continuations, continuations-in-part, reissues and extensions thereof in the United States and all foreign countries (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), and hereby requests that said Letters Patent issue accordingly. For said consideration said RUY FROTA DE SOUZA agrees for himself, and for his heirs, executors and administrators, to execute without further consideration all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to Kennametal Inc. or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said applications and securing patents thereon.

In Testimony Thereof, he executes this assignment this 22 day of February, 2008.



(witness)


(witness)



(RUY FROTA DE SOUZA)

ASSIGNMENT

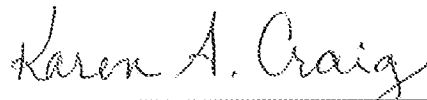
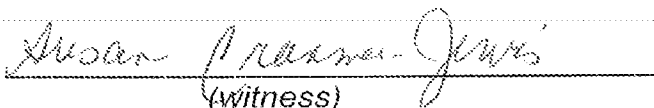
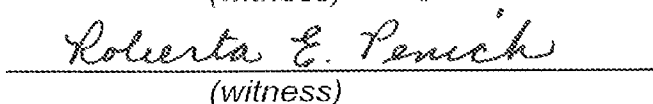
Whereas, KAREN A. CRAIG, of 6005 Autumn View Court, of Greensburg, Pennsylvania 15601, U. S. A., has made application for Letters Patent of the United States, entitled HELICAL MILLING CUTTER, said application having been executed

February 22, 2008*(month day year)*12/035,461*(serial number, if any)*

And Whereas, Kennametal Inc., a corporation of the Commonwealth of Pennsylvania of P.O. Box 231, Latrobe, Pennsylvania 15650 is desirous of acquiring an interest in the same;

Now, therefore, in consideration of One (\$1.00) dollar, and other good and valuable consideration, the receipt of which is hereby acknowledged, she hereby assigns, sells, and sets over unto the said Kennametal Inc. its successors, assigns and legal representatives, the entire right, title and interest in and to said invention for the United States and their territories and all foreign countries, and in and to said Letters Patent, divisions, continuations, continuations-in-part, reissues and extensions thereof in the United States and all foreign countries (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), and hereby requests that said Letters Patent issue accordingly. For said consideration said KAREN A. CRAIG agrees for herself, and for her heirs, executors and administrators, to execute without further consideration all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to Kennametal Inc. or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said applications and securing patents thereon.

In Testimony Thereof, she executes this assignment this 19 day of MARCH, 2008.

(KAREN A. CRAIG)
(witness)
(witness)